

ABSTRACT

A system and method is disclosed for providing location information to a location application directly from a mobile device. In an embodiment of the invention, a mobile device comprises means for detecting when the mobile device has moved from a first base station coverage area to a second base station coverage area, and means for creating a data-layer message, the message comprising an identification of the second base station. In another embodiment of the invention, a wireless device provides location information by detecting when the wireless device changes from communicating with a first cell to communicating with a second cell, and by sending a data-layer message from the wireless device to a location application, wherein the data message comprises an identification of the second cell.